

# Surge Announces Highest Grade Lithium Assays to Date with up to 8070 ppm Lithium in the First 2023 Hole at Nevada North Lithium Project

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West Vancouver, September 12, 2023 - [Surge Battery Metals Inc.](#) (TSXV: NILI) (OTCQB: NILIF) (FSE: DJ5) (the "Company" or "Surge") is pleased to announce that the first certified analytical results for the 2023 summer drilling program at their Nevada North Lithium Project (NNLP) returned multiple zones of high values ranging from 1,000 ppm to 8070 ppm lithium, the highest grades for exploration to date on the NNLP.

Samples from sonic drill hole NN2301 (Drill site location R) returned positive results ranging between the 1,000 ppm cutoff to 8,070 ppm Li within 4 horizons. The composite thickness of intersected clay horizons was 140 ft (42.7m), for an overall average grade of 4,067ppm Li. This includes the highest grade and shallowest zone which begins at 27.5ft (8.39m) below surface and extends 80 ft (24.4m) and ranges from 3,090 ppm to 8,070 ppm Li, for an overall composite grade of 4,939 ppm Li (See Appendix I for interval values). The composite grade of the first clay horizon encountered in sonic hole NN2301 is 28% higher than the weighted average composite grade of the first clay horizon intersected in the reverse circulation drillholes completed by the Company in its 2022 drill program.

Composite lithium values for all four mineralized horizons, using a 1,000 ppm cutoff with no internal dilution, are shown in the following table.

From ft (m)	To ft (m)	Thickness ft (m)	Grade (ppm Li)
27.5 (8.39)	107.5 (32.8)	80 (24.4)	4,939
147.5 (44.99)	177.5 (54.14)	30 (9.15)	3,758
207.5 (63.25)	220.0 (67.06)	12.5 (3.81)	2,284
227.5 (69.34)	245.0 (74.68)	17.5 (5.34)	2,591
Average		140 (42.7)	4,067

Drilling for the first five holes of the 2023 campaign was completed using sonic drilling methods. The final three holes for the season are being drilled using wireline diamond core drilling techniques. The results from geophysical surveys (news release May 23, 2023) indicated another clay horizon at depth and the Company plans to deepen NN2301 with the diamond drill.

Samples from the sonic drilling were collected in plastic bags for each 2.5 feet (76.2 cm) interval in plastic bags. Surge workers at the rig retained a representative sample in chip trays and core boxes for each interval and sealed the bags with wire ties. Samples were transported by Surge workers to a locked warehouse in Elko, Nevada where they were stored for sub sampling. At the warehouse, the sample bags were opened and a subsample of approximately 25% of the material was bagged for assay and the original sample bags were overwrapped for storage. Samples were then submitted to the ALS facility in Elko, Nevada for analysis. ALS is independent of the Company. The samples batches included 6% insertion of QA/QC samples, including blanks, duplicates, and commercially obtained standards. Both duplicates and standards ran within 4 percent of the known and duplicated values, with the blanks reporting no greater than 20 parts per million lithium.

Mr. Greg Reimer, Chief Executive Officer, and Director commented, "With lithium values up to 8070 ppm we are excited with the results from our first drill hole of the 2023 season. These results confirm and improve on results from our initial 2022 reverse circulation drilling campaign. We plan on expanding on the NN2301 results with further diamond drilling and look forward to receiving and reporting these results and additional holes in the coming weeks as we complete this summer's drilling campaign."

Qualified Person as Defined Under National Instrument 43-101

Alan J. Morris, MSc, CPG of Spring Creek, Nevada, a Qualified Person as defined under National Instrument 43-101, has reviewed and approved the technical aspects of this news release.

About Surge Battery Metals Inc.

The Company is a Canadian-based mineral exploration company active in the exploration for lithium in Nevada whose primary listing is on the TSX Venture Exchange. The Company's maintains a focus on exploration for high value battery metals required for the electric vehicle (EV) market.

About the Nevada North Lithium Project

The Company owns the Nevada North Lithium Project located in the Granite Range southeast of Jackpot, about 73 km north-northeast of Wells, Elko County, Nevada. The first round of drilling, completed in October 2022, identified a strongly mineralized zone of lithium bearing clays occupying a strike length of almost 1,620 meters from drillhole NN2205 in the north to drillhole NN2208 in the south. Widths of the mineralized horizons are not well determined since the holes are mostly on a north-south alignment, however, widths are at least 400 meters, supported by highly anomalous soil values indicating potential for the clay horizons to be much greater in extent. The potential for a significant lithium deposit can be illustrated by the results of drilling and surface soils sampling, which indicate an extensive area of enrichment beyond the drilling pattern to date. Drillhole NN2207 intersected the thickest intervals of lithium-rich claystone encountered to date; a total of 120.4 meters (395 feet) averaging 3,943 ppm lithium in four zones. Additionally, drillhole NN2208 had the strongest downhole individual sample of 5,950 ppm lithium between 45 and 50 feet (13.72 and 15.24 meters). The average lithium content within all near surface clay zones intersected in 2022 drilling, applying a 1000 ppm cut-off, was 3254 ppm (news release March 29, 2023).

On behalf of the Board of Directors

"Greg Reimer"

Greg Reimer,  
President & CEO

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#### Appendix I

Hole ID	From ft	To ft	From m	To m	Li ppm
NN2301	27.5	30	8.39	9.15	5760
NN2301	30	32.5	9.15	9.91	5280
NN2301	32.5	35	9.91	10.67	NS
NN2301	35	37.5	10.67	11.43	5140
NN2301	37.5	40	11.43	12.2	5250
NN2301	40	42.5	12.2	12.96	4470
NN2301	42.5	45	12.96	13.72	7530
NN2301	45	47.5	13.72	14.48	4500
NN2301	47.5	50	14.48	15.24	3500
NN2301	50	52.5	15.24	16.01	5640
NN2301	52.5	55	16.01	16.77	5980
NN2301	55	57.5	16.77	17.53	5890
NN2301	57.5	60	17.53	18.29	3570
NN2301	60	62.5	18.29	19.05	3580
NN2301	62.5	65	19.05	19.82	4300
NN2301	65	67.5	19.82	20.58	3690
NN2301	67.5	70	20.58	21.34	7000
NN2301	70	72.5	21.34	22.1	8070
NN2301	72.5	75	22.1	22.86	6500
NN2301	75	77.5	22.86	23.63	3330
NN2301	77.5	80	23.63	24.39	3130
NN2301	80	82.5	24.39	25.15	3090
NN2301	82.5	85	25.15	25.91	3330
NN2301	85	87.5	25.91	26.67	4320
NN2301	87.5	90	26.67	27.44	5420
NN2301	90	92.5	27.44	28.2	6250
NN2301	92.5	95	28.2	28.96	6580
NN2301	95	97.5	28.96	29.72	4320
NN2301	97.5	100	29.72	30.48	4680
NN2301	100	102.5	30.48	31.25	4530
NN2301	102.5	105	31.25	32.01	4690
NN2301	105	107.5	32.01	32.77	3790

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